Abstract

The present invention discloses a series of benzoylamino-1,3-dioxacyclane compounds, of which compounds **1-21** were prepared via transacetalisation reaction between N-benzoylaminoglycol and 1,1,3,3-tetramethoxypropane; while compounds **22-48** were prepared via stereospecific acetalisation reaction between N-benzoylamino glycol and aromatic aldehyde, and if necessary, the nitro groups were reduced and further be salified with propane diacid and L-Arg or L-Lys. These compounds possess the structural type of PKC inhibitor and positive anti-inflammatory effect, and can be applied in medical fields as PKC inhibitor for corresponding therapy.